Peripheral Devices

Multi-Window Processor ET-MWP100G



DIGITAL LINK Switcher ET-YFB200G*1





Digital Interface Box



TY-VK55LV1 (For TH-55VF1H, TH-55LFV70/60/6) TY-VK47LV1 (For TH-47LFV5)

Optional Accessories







Cover Frame Kit







Early Warning Software ET-SWA100 series*2

1 Available on LFV70/VF1H Series only. *2 Part number suffix may differ depending on the license type. *3 Supports Version 1.1 or later.

Product Specification (Design and specification are subject to change without notice)

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Pare Rip		TH-55VF1H	TH-55LFV70	TH-55LFV60	TH-55LFV6	TH-47LFV5
Paper Pap	DISPLAY PANEL					
Part	Screen Size (Diagonal)		55-inch (1	1387 mm)		47-inch (1192 mm)
Part	Aspect Ratio			16:9		
Page	Panel Type/Backlight			IPS / Direct-LED		
Paymain Carta Flatio Paymain Carta Fl	Resolution (H x V)			1920 x 1080		
Paralle Par	Brightness	700 (od/m²		500	cd/m²
Page	Contrast Ratio	120	0:1	'	1400 : 1	
Part	Dynamic Contrast Ratio			500000 : 1		
Panel Surface Peathwent	Response Time	8.0 ms (G to G)		12 ms ((G to G)	
Po	Viewing Angle (Horizontal/Vertical)			178 °/178 ° (CR ≥ 10)		
NO Pin Silvard With COMPONENTY WITH SIR Silvard With COMPONENTY Silvard	Panel Surface Treatment	Anti-Glare	(Haze 44 %)	Anti-Reflection	Anti-Glare	e (Haze 10 %)
Shared with COMPONENT Ying Pin_Lisk (LLP) x 15 ct Shared with COMPONENT Ying Pin_Lisk (LLP) x 15 ct Shared with COMPONENT Ying Pin_Lisk (LLP) x 15 ct Shared with COMPONENT Ying Pin_Lisk (LLP) x 15 ct Shared with COMPONENT Ying Pin_Lisk (LLP) x 15 ct Shared with COMPONENT Ying Pin_Lisk (LLP) x 15 ct Shared with COMPONENT Ying Pin_Lisk (LLP) x 15 ct Shared with COMPONENT Ying Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Shared with VECO N) Pin_Lisk (LLP) x 15 ct Pin_Lisk	CONNECTION TERMINAL					
Searce of the Conference of	VIDEO IN			BNC x 1 (Shared w	ith COMPONENT Y)	
MOK x 1 Set (Shared with VIDEO IN) Paulock (LFL) x 1 Set (Shared wi		(Shared with COMPONENT/RGB IN)	(Shared with COMPONENT IN)	(Shared with COMI	PONENT/RGB IN)	(Shared with COMPONENT IN)
ADDIO IN		HDMI Type A		HDMI Type A C	Connector x 2	, , , , , , , , , , , , , , , , , , ,
COMPONENT/RGB IN		_		_	-	, ,
AUDIO IN Pin Jack x1 set (Shared with VIDEO IN) Pin Jack (MS) x1 (Shared with VIDEO IN) Pin Jack (MS) x1 (Shared with VIDEO IN)		_	Pin Jack (L/R) x 1 Set (Shared with VIDEO IN)	_	-	Pin Jack (L/R) x 1 Set (Shared with VIDEO IN)
DVI-D 14 DVI-D 24 - pin x 1		,	_	,		_
AUDIO IN DI-LO VIL-I OUT DI-LO VIL-I OUT				_		
DVI-D J24-pin x 1 (DVI Pevision 1.0 Compatible with HDCP 1.1) DVI-129-pin x 1 (DVI Pevision 1.0 Compatible with HDCP 1.1) DVI-129-pin x 1 (DVI Pevision 1.0 Compatible with HDCP 1.1) DVI-129-pin x 1 (DVI Pevision 1.0 Compatible with HDCP 1.1)			. '			
Point Poi	AUDIO IN	Stereo Mini-Jack (M3) x 1 (Shared with PC IN) Stereo Mini-Jack (M3) x 1 (Shared with PC IN)				
PC IN AUDIO IN STORY		DVI-D 24-pin x 1 (DVI Revision 1.0 Compliant, Compatible with HDCP 1.1) DVI-I 29-pin x 1				DVI-I 29-pin x 1
Substrict Sub	DisplayPort IN	DisplayPort	x 1 (DP1.1)*1		-	
USB Type A Connector (0.C 5 V/1 5 A) x 1 (USB 3.0 Not Supported) ((SB 3.0						
CUSB 3.0 Not Supported Memory Viewer Only, USB 3.0 Not Supported St St pea A Connector (UC 5 V71 A) x 1 (USB 3.0 Not Supported Pin Jack (L/R) x 1 Set	AUDIO IN			ereo Mini-Jack (M3) x 1 (Shared with DVI-D	IN)	
SERIAL District Link In/OUT RJ45 x 1 (IN) (Shared with LAN IN) / RJ45 x 1 (OUT) (Shared with LAN OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK IN/OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK IN/OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK IN/OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (1008ASE-TX, Compatible with PLIJnk™, Shared with DiGITAL LINK OUT) RJ45 x 1 (IN) (IND TATE		(USB 3.0 Not Supported)	(Memory Viewer Only, USB 3.0 Not Supported)		A) x 1 (USB 3.0 Not Supported)	_
Pote Power Pow	AUDIO OUT	Stereo Mini-Jack (M3) x 1 Pin Jack (L/R) x 1 Set Stereo Mini-Jack (M3) x 1		Pin Jack (L/R) x 1 Set		
LAN RJ45 x 1 (N) (100BASE-TX, Compatible with PLInk™, Shared with DIGITAL LINK N) / RJ45 x 1 (N) (10BASE-TX) Compatible with PLInk™) RJ45 x 1 (N) (10BASE-TX, Compatible with PLink™) RJ45 x	SERIAL		D-sub 9-pin x 1	(Input) / D-sub 9-pin x 1 (Output), RS-23	32C Compatible	
RJ45 x1 (OUT) (100BASE-TX, Compatible with PJLInk************************************	DIGITAL LINK IN/OUT	RJ45 x 1 (IN) (Shared with LAN IN) / F	3J45 x 1 (OUT) (Shared with LAN OUT)		_	
SPEAKER SPEAKER SPEAKER OUT SPEAKE	LAN				RJ45 x 1 (IN) (Web Browser Control Only)	
External Speaker Out 8 Ω, 20 W (10 W + 10 W) (10 % THD) ELECTRICAL Power Requirements Power Consumption 300 W 330 W 330 W (U) / 290 W (W) / 220 W (U) / 210 W (W) 160 W On Mode Average Power Consumption* 120 W 168 W 142 W 108 W 65 W Standby Condition Approx. 0.5 W MECHANICAL Dimensions (W x H x D) 1212 x 683 x 99 mm (47.7" x 26.9" x 3.9") 1213 x 684 x 95 mm (47.8" x 26.9" x 3.7") 1045 x 590 x 109 mm (41.2" x 23.3" x 4.3") Bezel Width 0.9 mm (0.036) 2.25 mm (0.088) [Left/Top], 1.25 mm (0.049) [Right/Bottom] 1.7 mm (0.077) [Right/Bottom] Weight Approx. 25.0 kg (55.1 lbs) Approx. 30.0 kg (66.1 lbs) Approx. 25.0 kg (55.1 lbs) Wall-Hanging Pitch EVESA Compliant 400 x 400 mm (15.8" x 15.8") Installation*3 Colspan="4">Colsp			Stereo Mini-	Jack (M3) x 1 (Input) / Stereo Mini-Jack (M	3) x 1 (Output)	
Power Requirements						
Power Requirements 110-12√ AC, 50 Hz/60 Hz/220-240 V AC, 50/ Btz Power Consumption 300 W 330 W 300 W (U)/290 W (W) 220 W (U)/210 W (W) 160 W On Mode Average Power Consumption 120 W 168 W 142 W 108 W 65 W Standby Condition Approx. 0.5 W MECHANICAL Dimensions (W x H x D) 1212 x 683 x 99 mm (47.7" x 26.9" x 3.9") 1213 x 684 x 95 mm (47.8" x 26.9" x 3.7") 1045 x 590 x 109 mm (41.2" x 23.3" x 43.3") Bezel Width 0.9 mm (0.036) 2.25 mm (0.089) [Left/Top], 1.25 mm (0.049) [Right/Bottom] 1,7 mm (0.07) [Right/Bottom] Weight Approx. 25.0 kg (55.1 lbs) Approx. 30.0 kg (66.1 lbs) Approx. 30.0 kg (66.1 lbs) Approx. 25.0 kg (55.1 lbs) Approx. 25				8 Ω, 20 W (10 W + 10 W) (10 % THD)		
Power Consumption 300 W 330 W 300 W (U) / 290 W (W) 220 W (U) / 210 W (W) 160 W 0n Mode Average Power Consumption*2 120 W 168 W 142 W 108 W 65 W Standby Condition Approx. 0.5 W MECHANICAL Dimensions (W x H x D) 1212 x 683 x 99 mm (47.7" x 26.9" x 3.9") 1213 x 684 x 95 mm (47.8" x 26.9" x 3.7") 1045 x 590 x 109 mm (41.2" x 23.3" x 4.3") Bezel Width 0.9 mm (0.036) 2.25 mm (0.088) [Left/Top], 1.25 mm (0.049) [Right/Bottom] 3.2 mm (0.12*) [Left/Top], 1.7 mm (0.07*) [Right/Bottom] Weight Approx. 25.0 kg (55.1 lbs) Approx. 30.0 kg (66.1 lbs) Approx. 30.0 kg (66.1 lbs) Approx. 25.0 kg (55.1 lbs) Approx. 25.0 kg			110 12	7 \/ AC	0/60 Hz	
On Mode Average Power Consumption** 120 W 168 W 142 W 108 W 66 W Standby Condition Approx. 0.5 W MECHANICAL Dimensions (W x H x D) 1212 x 683 x 99 mm (47.7" x 26.9" x 3.9") 1213 x 684 x 95 mm (47.8" x 26.9" x 3.7") 1045 x 590 x 109 mm (41.2" x 23.3" x 43.3") Bezel Width 0.9 mm (0.036) 2.25 mm (0.089) [Left/Top], 1.25 mm (0.049) [Right/Bottom] 3.2 mm (0.12) [Left/Top], 1.7 mm (0.07") [Right/Bottom] Weight Approx. 25.0 kg (55.1 lbs) Approx. 25.0 kg (55.1 lbs) Approx. 25.0 kg (55.1 lbs) Wall-Hanging Pitch Tyes A Compliant 400 x 400 mm (15.8" x 15.4") Approx. 25.0 kg (55.1 lbs) ENVIRONMENTAL O'C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 35 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 35 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 4 0 °C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 4 0 °C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 4 0 °C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104 °F) 5 / 0°C to 40 °C (32 °F to 104		300 W				160 W
Standby Condition Approx. 0.5 W MECHANICAL Dimensions (W x H x D) 1212 x 683 x 99 mm (47.7" x 26.9" x 3.9") 1213 x 684 x 95 mm (47.8" x 26.9" x 3.7") 1045 x 590 x 109 mm (41.2" x 23.3" x 4.3") Beel Width 0.9 mm (0.036") 2.25 mm (0.088") [Left/Top], 1.25 mm (0.049") [Right/Bottom] 3.2 mm (0.12") [Left/Top], 1.7 mm (0.07") [Right/Bottom] Weight Approx. 25.0 kg (55.1 lbs) Approx. 30.0 kg (66.1 lbs) Approx. 25.0 kg (55.1 lbs) Wall-Hanging Pitch VESA Compliant 400 x 400 mm (15.8" x 15.8") Installation*3 Orientation: Landscape/Portrait, Angle: Vertical Only ENVIRONMENTAL O' C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 40 °C (32 °F to 104 °F)*6 / 0		***		, , , , ,		
MECHANICAL Dimensions (W x H x D) 1212 x 683 x 99 mm (47.7" x 26.9" x 3.9") 1213 x 684 x 95 mm (47.8" x 26.9" x 3.7") 1045 x 590 x 109 mm (41.2" x 23.3" x 4.3") Bezel Width 0.9 mm (0.036") 2.25 mm (0.088") [Left/Top], 1.25 mm (0.049") [Right/Bottom] 1.7 mm (0.07") [Right/Bottom] Weight Approx. 25.0 kg (55.1 lbs) Approx. 30.0 kg (66.1 lbs) Approx. 25.0 kg (55.1 lbs) Wall-Hanging Pitch VESA Compliant 400 x 400 mm (15.8" x 15.8") Installation*3 Orientation: Landscape/Portrait, Angle: Vertical Only ENVIRONMENTAL OPerating Environment 0 °C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 40 °C (32 °F to 104 °F)*6 / 0 °C to 40 °C (32 °F to 104 °F		120 W	168 W		106 W	05 W
Dimensions (W x H x D) 1212 x 683 x 99 mm (47.7" x 26.9" x 3.9") 1213 x 684 x 95 mm (47.8" x 26.9" x 3.7") 1045 x 590 x 109 mm (41.2" x 23.3" x 4.3") Bezel Width 0.9 mm (0.036") 2.25 mm (0.088") [Left/Top], 1.25 mm (0.049") [Right/Bottom] 3.2 mm (0.12") [Left/Top], 1.7 mm (0.07") [Right/Bottom] Weight Approx. 25.0 kg (55.1 lbs) Approx. 25.0 kg (55.1 lbs) Approx. 25.0 kg (55.1 lbs) Wall-Hanging Pitch VESA Compliant 400 x 400 mm (15.8" x 15.8") ************************************	· · · · · · · · · · · · · · · · · · ·			Approx. 0.5 W		
Bezel Width 0.9 mm (0.036) 2.25 mm (0.088) [Left/Top], 1.25 mm (0.049) [Right/Bottom] 3.2 mm (0.12) [Left/Top], 1.7 mm (0.07) [Right/Bottom] Weight Approx. 25.0 kg (55.1 lbs) Approx. 30.0 kg (66.1 lbs) Approx. 30.0 kg (66.1 lbs) Wall-Hanging Pitch VESA Compliant 400 x 400 mm (15.8° x 15.8°) Installation*3 Orientation: Landscape/Portrait, Angle: Vertical Only ENVIRONMENTAL Operating Environment 0 °C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 35 °C (32 °F to 104 °F)*6 / 0 °C to 40 °C (32 °F to 104 °F)*4 0 °C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 35 °C (32 °F to 95 °F)*6 0 °C to 40 °C (32 °F to 104 °F)*4		1212 x 683 x 99 mm (47.7" x 26.9" x 3.9")		1213 x 684 x 95 mm (47.8" x 26.9" x 3.7")		1045 x 590 x 109 mm (41.2" x 23.3" x 4.3")
Weight Approx. 25.0 kg (55.1 lbs) Approx. 25.0 kg (55.1 lbs) Approx. 25.0 kg (55.1 lbs) Wall-Hanging Pitch Installation*3 VESA Compliant 400 x 400 mm (15.8" x 15.8") ENVISIONMENTAL Operating Environment O °C to 40 °C (32 °F to 104 °F)* / 0 °C to 40 °C (32 °F to 104 °F)* /	, ,	0.9 mm (0.0957 2.25 mm (0.0997 .26 / Tool 1.25 mm (0.0407 Bioth/Retton) 3.2 mm (0.12)		3.2 mm (0.12") [Left/Top],		
Wall-Hanging Pitch VESA Compliant 400 x 400 mm (15.8° x 15.8°) Installation's Orientation: Landscape/Portrait, Angle: Vertical Only ENVIRONMENTAL Operating Environment 0 °C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 35 °C (32 °F to 95 °F)*6 0 °C to 40 °C (32 °F to 104 °F)*4 0 °C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 35 °C (32 °F to 95 °F)*6 0 °C to 40 °C (32 °F to 104 °F)*4	Weight	Approx. 25.0 kg (55.1 lbs)		Approx. 30.0 kg (66.1 lbs)		
Installation*3 Orientation: Landscape/Portrait, Angle: Vertical Only ENVIRONMENTAL	_		VE		8")	
ENVIRONMENTAL Operating Environment 0 °C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 35 °C (32 °F to 104 °F)*5 / 0 °C to 35 °C (32 °F to 104 °F)*5 / 0 °C to 40 °C (32 °F to 104 °F)*4 0 °C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 35 °C (32 °F to 95 °F)*6 0 °C to 40 °C (32 °F to 104 °F)*4		· · · · · · · · · · · · · · · · · · ·				
Operating Environment 0 °C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 35 °C (32 °F to 95 °F)*6 0 °C to 40 °C (32 °F to 104 °F)*4 0 °C to 40 °C (32 °F to 104 °F)*5 / 0 °C to 35 °C (32 °F to 95 °F)*6 0 °C to 40 °C (32 °F to 104 °F)*4	ENVIRONMENTAL					
10 % to 90 % (Non-Condensation)			0 °C to 40 °C (32 °F to 104 °F)*4	0 °C to 40 °C (32 °F to 104 °F)*5 /	0 °C to 35 °C (32 °F to 95 °F)*6	0 °C to 40 °C (32 °F to 104 °F)*4
				10 % to 90 % (Non-Condensation)		

*1 Compatible with HDCP. Dual Mode only. *2 Based on IEC 62087 Ed2 measurement method. *3 Please consult your dealer if installation conditions differ to those specified.

*4 For up to 2000 m (6562 ft) altitude. *5 For up to 1400 m (4593 ft) altitude. *6 For between 1400 m (4593 ft) and 2800 m (9186 ft) altitude.

Panasonic

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For more information about Panasonic professional displays, please visit

Global Website – panasonic.net/prodisplays
YouTube – www.youtube.com/PanasonicProDisplay

All information included here is valid as of October 2016.

CT16-G01PF-Video Wall Printed in Japan.

Panasonic BUSINESS

LCD Video Wall Series



55"

55-inch TH-**55VF1H**

55-inch TH-**55LFV70** 55-inch TH-**55LFV60**

55-inch TH-55LFV6

47-inch TH-47LFV5

Multi-screen Installation Simplified for Signage, **Events, and Surveillance**

Panasonic's close relationship with end users and the resale industries has enabled development of specialized turnkey video-wall solutions that exceed the demands of professionals by streamlining installation, safeguarding reliability, and enhancing performance around the clock. Serving high-impact images, the VF1H, LFV70, LFV60, LFV6, and LFV5 Series assure high visibility and ease of operation unrivalled by any other brand.



For Every Challenge, an Innovative Solution

Make multiple screens look like a single screen."



Developed VF1H Series with 1.8 mm Bezel-to-Bezel Width Extend life and make brightness uniform."



Developed Auto Brightness Adjustment for VF1H Series

→ P.6

Prevent video image misalignment where panels meet."



Developed Frame Control / **Reverse Scan Function**

→ P.5

Guarantee image display if the primary connection fails."



Developed a Failover and Failback System

 \rightarrow P.6

→ P.4

Make it quicker, easier, and cheaper to install."



Developed DIGITAL LINK and **Modular Mounting Frame**

 \rightarrow P.7

Save me on calibration and maintenance."



Developed Video Wall Manager Software and Auto Display Adjustment Upgrade Kit

 \rightarrow P.7

Panasonic LCD Video Wall Series Feature Comparison

	Page	TH-55VF1H	TH-55LFV70	TH-55LFV60	TH-55LFV6	TH-47LFV5
Screen Size	P.2	55"	55"	55"	55"	47"
Panel Brightness (cd/m²)	P.2	700	700	700	500	500
Panel Surface Treatment	P.4	AG (Haze 44 %)	AG (Haze 44 %)	AR	AG (Haze 10 %)	AG (Haze 10 %)
Bezel-to-Bezel (mm)*	P.4	1.8	3.5	3.5	3.5	4.9
24/7 Operation	P.6	✓	✓	✓	✓	✓
Portrait	P.6	✓	✓	✓	✓	✓
Multi Screen	P.5	10 x 10	10 x 10	10 x 10	10 x 10	5 x 5
Local Dimming	P.4	✓	✓	✓	✓	✓
Frame Control / Reverse Scan	P.5	✓	-	✓	✓	-
Failover / Failback	P.6	✓	✓	✓	✓	-
DIGITAL LINK	P.7	✓	✓	-	-	-
USB Media Player	P.4	✓	✓	✓	✓	_
Early Warning Software	P.6	✓	✓	✓	✓	-
Video Wall Manager Software (Free) and Auto Display Adjustment Upgrade Kit (Optional)	P.7	√	√	√	√	✓
Multi Monitoring & Control Software (Free)	P.4	✓	-	✓	✓	-

^{*} Bezel-to-bezel distance refers to the combined top and bottom (or left and right) bezel-width of adjacent displays in video-wall configuration. The gap between displays is not included.

Panasonic LCD Video Wall Series Lineup



NEW 55-inch TH-55VF1H 700 ← 1.8 Anti-Glare

55-inch TH-**55LFV70** 700 atm

★3.5 __ Anti-Glare

55-inch TH-55LFV60 700 3.5... Anti-Reflection

55-inch TH-**55LFV6** 500 ← 3.5 ← Anti-Glare

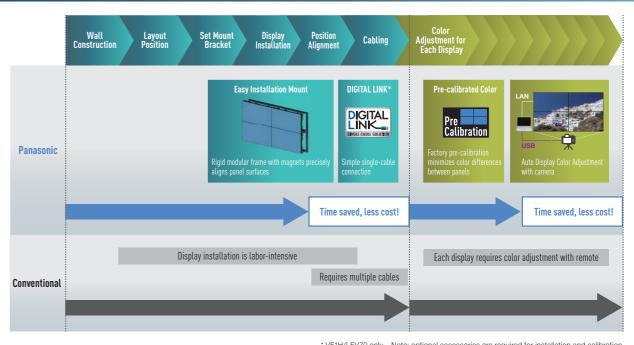
47-inch TH-47LFV5 500 ₹4.9 Anti-Glare







From Unboxing to Operation: Where You Save

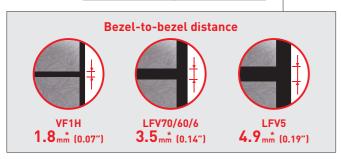


* VF1H/LFV70 only. Note: optional accessories are required for installation and calibration.

Narrow Bezel for Impressive Video Walls NEW

Narrow frames on Panasonic's LCD Video Wall Series reduce bezel-to-bezel distance to a near-invisible 1.8 mm*. Even when





* Bezel-to-bezel distance refers to the combined top and bottom (or left and right) bezel-width of adjacent displays in video-wall configuration. The gap between displays is not included.

IPS Panel Improves Off-Axis Visibility

High-resolution IPS (In-Plane Switching) panel technology ensures that pictures displayed on screen remain clearly visible even when observed from oblique angles: vital for signage applications as well as in control rooms where clear visibility is necessary at all times.

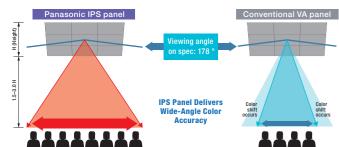






Wide-Angle Color Accuracy

Panasonic IPS panel preserves true color accuracy for a wider proportion of the specified 178-degree viewing angle than conventional VA panels. Passersby are exposed to the image's full impact for longer in signage situations.



Note: Graphic is simulated. Visibility depends on environment

Anti-Glare (AG) and Anti-Reflection (AR) **Surface Treatments**

The AG layer on LCD Video Wall Series displays (except the LFV60) scatters reflected natural or artificial light, improving visibility. In particular, the AG treatment enhances screen clarity in surveillance stations and public facilities. The LFV60 Series, meanwhile, features an AR surface treatment that reduces reflection by optical interference, and is suitable for retail signage installations.





Backlight Optimization Improves Contrast

Highly efficient direct-lit LED backlighting with Local Dimming assures high 500,000:1 contrast performance. Backlight brightness is automatically optimized to deepen blacks in dark areas and boost whites in light areas of individual scenes displayed on screen for more realistic and immersive picture quality.

Local Dimming Function







Black is reproduced as dark grey, and details are lost in shadows

Note: Local Dimming on VF1H and LFV Series is always set. Multi-Screen Image Syncing via

USB and Media Updates via LAN



The Panasonic LCD Video Wall Series (except LFV5) is adapted to digital signage—just connect USB memory devices to inputs on each display in 2 x 2 multi-screen configuration for automatically synchronized 4K (4 x 1080p) images. No external devices or processors are required. This function also serves as a backup in case the primary video source fails. Multi Monitoring & Control Software*1 allows media to be written to USB memory via LAN*2, perfect in situations where the display is difficult to access.

- *1 For more information about Multi Monitoring & Control Software, please visit: http://panasonic.net/prodisplays/download/software/index.html
- *2 Replacing content stored on USB memory device via LAN is available on VF1H and
- LFV60/6 Series displays only.



Note: Connection example for VF1H Series shown

Optimized Image Modes

Conventional display panels usually include basic display mode presets such as Standard and Dynamic. The Panasonic LCD Video Wall Series (except the LFV70/5 Series), however, features an extensive selection of display modes to suit specific content, video sources, and lighting environments to achieve optimal performance.



Vivid Signage

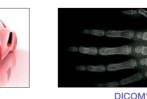


VF1H LFV60 LFV6









Improved Multi-Screen Video Visibility





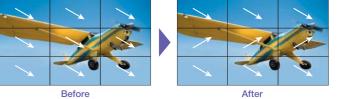


LFV60 LFV6

When high-speed video is played on multiple screens in a video wall, some image misalignment can occur between vertically adjacent panels. VF1H and LFV60/6 Series feature a Reverse Scan Function that alternates the scanning direction of vertically adjacent displays to improve image alignment. Frame Control Function, meanwhile, adjusts the number of video frames displayed to reproduce images with natural fluidity.

Reverse Scan Function

Reverses direction of image scanning to smoothly play enlarged video on multiple screens



Frame Control Function

Adjusts timing of images to reproduce enlarged video more naturally.



Note: Graphic is simulated. Arrows show scanning direction during video playback.

High-Performance Imaging VF1H LFV60 LFV6

Graphic



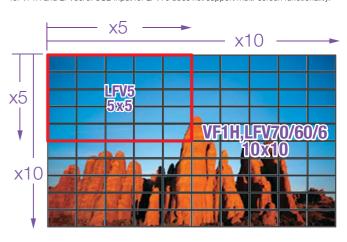




Multi-Screen System for High-Impact **Images in Large Spaces**

Multi-Display Function enlarges images to up to 100 times their original size*. It can increase image size using the same zoom ratio in both vertical and horizontal directions to suit 2 x 2, 3 x 3, 4 x 4, 5 x 5, and 10 x 10 video-wall configurations (10 x 10 is supported on all displays except the LFV5), or can apply different ratios to suit alternative screen layouts. In this way, users can maximize image size according to video-wall size and shape.

* LFV5 enables up to 5 x 5 zoom. Up to 2 x 2 zoom is available with media input via USB for VF1H and LFV60/6. USB input for LFV70 does not support multi-screen functionality.



Note: A mounting bracket compliant with VESA standards is required for wall-mounting Some degradation occurs when images are enlarged. Be sure to provide adequate ventilation as operating temperatures can vary according to multi-screen configuration and

Engine

Color and image quality can be fine-tuned and customized to assure natural uniformity across all displays in multi-screen configuration.

Color matching function

Corrects any unevenness in color between multiple screens. R (red), G (green), and B (blue) along with intermediate colors (cyan, magenta, and yellow) are corrected individually on each display

Color enhancement

Displays images with enhanced color intensity

Refine enhancer

Corrects blurry image contours that result from resizing to improve resolution.

Gradation smoother

Extracts and eliminates noise components from input video signals for noise-free image reproduction

Color enhancemen



Refine enhancer



Note: Graphic is simulated.

^{*} DICOM simulation only. Do not use for actual medical examinations or diagnosis.

Failover and Failback Safeguards Maintain Image Display

LFV6

Digital signal inputs comprise one or two DVI-D terminals together with HDMI, DisplayPort*1, DIGITAL LINK*1, and USB inputs. If the primary audio-video signal is interrupted, the display immediately switches to an alternative input. When the primary signal is recovered during backup display, the original image is restored automatically. This makes the Panasonic LCD Video Wall Series*2 ideal for use in control rooms and in other applications where uninterrupted playback is essential.

*1 DisplayPort available on LFV70 only. DIGITAL LINK available on VF1H and LFV70 only. *2 LFV5 does not feature backup signal function

Failover and Failback

If AV signals via the primary input is interrupted, images are no longer displayed.

If the primary AV signal is interrupted the system automatically switches to

Note: Possible combinations of main/backup input signals are limited. For details, please visit the Panasonic website

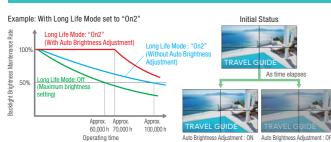
Delivers Stable Brightness for Up to 8 Years*



The VF1H Series incorporates Long Life Mode and a new Brightness Adjustment Function. In Long Life Mode, backlight brightness is optimized to extend product life. Auto Brightness Adjustment Function corrects light output automatically according to the rate of backlight deterioration to maintain constant brightness for longer.

* Figure is approximate when operating continuously for 24 hours x 365 days.

Long Life Mode & Auto Brightness Adjustment Function



Note: Assuming operating conditions of 25 °C (\pm 2 °C). Environmental conditions and conditions of usage may affect brightness longevity and operating period. "On2" delivers approximately 60 % maximum specified backlight brightness. Auto Brightness Adjustment cannot be turned on if panel illumination period has exceeded 1,000 hours.

Note: Images and graphs are simulated

Efficient 24/7 Reliability in Landscape or **Portrait Modes**

Customized for Professional Use

Durable panel materials and quality components ensures dependable 24-hour operation seven days a week. This makes the Panasonic LCD Video Wall Series ideal for applications where absolute reliability is critical. Further, these products are designed for either landscape or portrait orientation without affecting color, brightness, or operational life. This flexibility allows you to exploit installation space to fullest potential.

Note: Display of moving images is use for long periods to prevent image retention. Note that image burn-in can be gradually rectified with the periodical display of moving







Minimize Downtime and Improve Efficiency



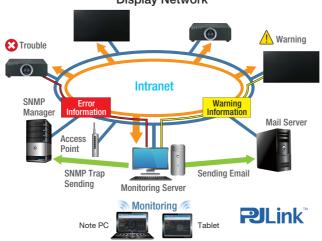
Optional ET-SWA100 Series* Early Warning Software monitors all display devices over the network. Administrators can monitor device status in real time, view operation history, and receive alerts if abnormalities are detected. Monitoring servers with this software installed can be checked via tablet or notebook PC browser. As well as minimizing downtime, the

software reduces unnecessary visits to remote display sites and saves service time and cost.

* Part number suffix may differ depending on the license type. Note that some potential device failures cannot be predicted

Early Warning Software (Status Screen





For more information about Early Warning Software and our free 90-day software trial* promotion, please visit: http://panasonic.net/prodisplays/products/et-swa100/

* Available with software version 2.1 or later.

DIGITAL LINK Simplifies Installation at Lower Cost



Based on HDBaseT™ technology, the DIGITAL LINK connection on VF1H and LFV70 Series displays supports audio, video, and control signal transmission over long distances, and can also be used to daisy-chain multiple displays via a single cable. This eliminates the need for video splitters and other routing devices. The LFV60/6/5 Series, meanwhile, supports daisy chain via DVI DIGITAL

with separate video and control (serial or IR) connections.

Note: CAT5e or higher STP cable required.



DIGITAL LINK Reduces Cabling Cost and Installation Complexity

Combines AV and Control Signals

Save time and money with Panasonic's simplified DIGITAL LINK connection

Factory-matched and Pre-calibrated Color

Colors are pre-calibrated at the factory prior to shipment in order to minimize color differences between panels intended for multi-screen installation. This makes it possible to create realistic images without any visible color differences from

* In some cases, visual adjustment may be necessary.

panel to panel*.

Video Wall Manager Software and Auto Display Adjustment Upgrade Kit

Panasonic's free Video Wall Manager software can be used with LCD Video Wall Series displays. With this software, you can calibrate display color using a color sensor, adjust display settings, and

control and manage data via PC. If software is upgraded with an optional TY-VUK10 Auto Display Adjustment Upgrade Kit, brightness and color among multiple displays can be automatically calibrated using a compatible camera (Nikon D5200/D5300/D5500)*.

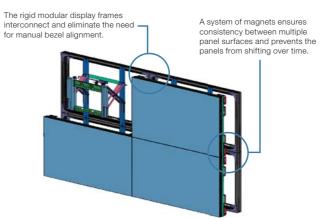


* Available only with normal zoom lens: AF-S DX NIKKOR 18–55 mm f/3.5–5.6G, AF-S DX NIKKOR 18–140 mm f/3.5–5.6G ED VR. AF-S DX NIKKOR 18–55 mm f/3.5–5.6G VR II

Optional Installation Mount makes setting up a spectacular video

wall comparatively quick and painless. As well as saving time and reducing labor cost, the rigid mount also eliminates potential panel-surface alignment inconsistencies with the use of an automatic magnet system. The Panasonic LCD Video Wall Series also features optional cover frames for extra protection against impact.

Precision Video-Wall Mounting System



Inconsistencies in the video wall display can occur when individual panel bezels are not correctly aligned vertically and horizontally, and when panel surfaces are not properly adjusted. Surface alignment control magnets and interlocking mounts ensure precision installation in every axis.

Video Wall Manager / TY-VUK10 Specification

With LFV70 and TY-VUK10 connected

Basic Software (FREE)	
Name	Video Wall Manager
Download	Free (Login and download from PASS)
Functions	Calibration / adjustment, control of display setting / data control
Target Models	Panasonic Video Wall LCD Display: TH-55VF1H, TH-55LFV70, TH-55LFV60, TH-55LFV6, TH-47LFV5
os	Windows 7, 8, 8.1, 10
Supported Color Sensor	Konica Minolta: CA-210, CA-310 Datacolor: Spyder4, Spyder5 X-rite: i1Pro2
Connection	RS232C, LAN (VF1H, LFV70/60/6 only)
Max. Number of Displays	100 units (VF1H, LFV70/60/6), 25 units (LFV5)

Nikon D5200, D5300, D5500

Auto Display Adjustment Upgrade Kit (TY-VUK10)				
Function	Automatic color adjustment using camera			
Requirement	Video Wall Manager Software			
Activation	License key is required per PC			
Supported Camera	Nikon D5200, D5300, D5500 with normal zoom lens: AF-S DX NIKKOR 18–55 mm f/3.5–5.6G, AF-S DX NIKKOR 18–140 mm f/3.5–5.6G ED VR, AF-S DX NIKKOR 18–55 mm f/3.5–5.6G VR II			
Max. Number of Displays	25 units (5 x 5)			

PASS Website panasonic.net/prodisplays/pass

Register your display to activate ne upgrade kit and get what you need. Free 90-day Trial for Early Warning Software Please visit the PASS website to download a free 90-day trial version of ET-SWA100 Early Warning Software and test its capabilities for yourself. Up to 2,048 displays can be monitored simultaneously.